

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	ATTY. DOCKET NO. 1248-0714PUS1	APPLICATION NO. NEW
	APPLICANT HIGUCHI, Kaoru et al	
	FILING DATE April 8, 2004	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
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FOREIGN PATENT DOCUMENTS

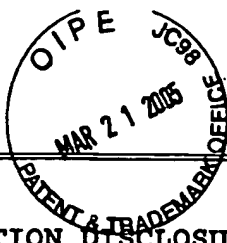
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
BAL	JP	2001-68827	A	2001-03-16	JAPAN			ABS	
↓	JP	1-125241	A	1989-05-17	JAPAN			ABS	
↓	JP	1-228861	A	1989-09-12	JAPAN			ABS	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER <i>Drend Adel Lame</i>	DATE CONSIDERED 1/2006
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
1248-0714PUS1APPLICATION NO.
10/820,113APPLICANT
K. HIGUCHI et al.FILING DATE
April 8, 2004GROUP
2861**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
BAL	US 5,396,042	A	1995-03-07	Ishida et al.	—	—	
↓	US 4,216,477		1980-08-05	Matsuda et al.	—	—	
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
BAL	JP	01-188348	A	1989-07-27	JAPAN	—	—	abs	
↓	JP	02-080252	A	1990-03-20	JAPAN	—	—	abs	
✓	JP	54-146633	A	1979-11-16	JAPAN	—	—	abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Brenda Adams

DATE CONSIDERED

1/20/06

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